Application of: Reed et al.
Serial No.: 10/632,097
Amendment filed with RCE

REMARKS/ARGUMENTS

Favorable reconsideration of this application is respectfully requested.

By this Amendment, independent claims 1-20, 22-24, 26-28, 30-34, 36-44, and 46-49 have been canceled. Claims 21, 25, and 35 have been amended.

Support for these amendments can be found throughout the application as filed. No new matter has been added by these amendments.

Claims 21, 25, 29, 35, and 45 are pending in this application.

THE REJECTIONS UNDER §112

The Examiner had rejected claims 1-49 under 35 U.S.C. §112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. In view of the above amendments, withdrawal of this rejection of the claims is respectfully requested.

THE PRIOR ART REJECTIONS

Applicant incorporates the previous remarks regarding these rejections.

The Examiner had rejected claims 1, 2, 3, 5, 6, 10, 11, 30, 31, 36, 21, 24, 26, 34, 42 and 49 under 35 U.S.C. §102(e) as being anticipated by Kouznetsov (U.S. Patent No. 7,240,102, hereinafter "Kouznetsov"). The Examiner had rejected claims 35 and 45-47 under 35 U.S.C. 103(a) as being unpatentable over Salama (U.S. Patent No. 7,197,549 – hereinafter "Salama") in view of Thomas (U.S. Patent No. 6,681,250 – hereinafter "Thomas"). The grounds for this rejection are respectfully traversed.

Claim 21, as amended, recites a method of configuring a device across a network, wherein the device is a managed appliance for operatively communicating keyboard data,

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cursor control data, and video data between a plurality of computers connected to the network and a workstation connected to the network. As recited in the claim, the method includes:(a) the workstation broadcasting a User Datagram Protocol (UDP) discover request message across the network; and (b) in response to the UDP discover request message from the workstation, the device transmitting a UDP discover reply message , the discover reply message including at least a portion of an IP configuration of the device, wherein the portion of the IP configuration includes a MAC address of the device, an IP address of the device, a subnet mask, and a gateway address of the device. If the device has not already been assigned an IP address, then the IP address sent in the UDP discover reply message is a default IP address. If the device has not already been assigned a subnet mask, then the subnet mask sent in the UDP discover reply message is a default subnet mask. If the device has not already been assigned a gateway address, then the gateway address sent in the UDP discover reply message is a default gateway address. The method of claim 21 further recites: (c) the workstation broadcasting a UDP test IP configuration message. The UDP test IP configuration message includes: the MAC address of the device, an IP address, a subnet mask, and a gateway address. The method further recites: (d) upon receipt of the test IP configuration message, (d1) the device sending a UDP test IP configuration reply message to the workstation, the reply message indicating a status of the test IP configuration request message, and (d2) if the device does not already have an IP address, the device temporarily setting its IP configuration to configuration values set in the UDP test IP configuration message from the workstation. The method of claim 21 further recites: (e) upon receipt of the test IP configuration reply message from the device, the workstation sending a set IP configuration request message to the device, the set IP configuration request message including an IP address, a subnet mask, and a gateway address, and the MAC address of the device; and (f) in response to the set IP configuration request message, the device

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(f1) setting the IP configuration parameters in the device to correspond to the IP address, the subnet mask, and the gateway address sent with the instruction message; and (f2) sending a UDP set IP configuration reply message to the workstation indicating a status of the set IP configuration message.

These features are neither taught nor in any way suggested by Kouznetsov or by Salama or Thomas, alone or in any proposed combination.

Claim 35, as amended, recites a method of configuring a device across a network. The method includes (A) broadcasting a discover request message from a workstation on the network to a plurality of devices on the network, the discover request message using the User Datagram Protocol (UDP). The method of claim 35 further includes: (B) in response to receipt of the discover request message from the workstation, a particular device of the plurality of devices: (b1) looking up values of object identifiers (OIDs) associated with the device in order to determine a configuration of the particular device, and (b2) transmitting a discover reply message from the particular device to the workstation, the discover reply message containing at least a portion of the configuration of the particular device, wherein the portion of the configuration includes an IP address of the particular device and a MAC address of the particular device.

The method of claim 35 further includes: (C) in response to receipt of the discover reply message from the device, the workstation broadcasting a test IP configuration request message, the test IP configuration message including a MAC address of to the particular device. The method of claim 35 further includes: (D) upon receipt of the test IP configuration message, the particular device transmitting a test IP configuration reply message to the workstation, the test IP configuration reply message indicating a status result of the test IP configuration request message. The method of claim 35 further includes: (E) upon receipt of the test IP configuration reply message from the particular

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device, the workstation transmitting a set IP configuration request message to the particular device to attempt to cause the particular device to set at least one portion of the IP configuration or the particular device to correspond to the IP configuration that was sent with the test IP configuration message in step (C). The method of claim 35 further includes: (F) in response to receipt of the set IP configuration request message from the workstation, the particular device: (f1) attempting to set its IP configuration to correspond to the IP configuration sent by the workstation; and (f2) transmitting a set IP configuration reply message from the particular device to the workstation, the set IP configuration reply message indicating a status of actions taken in response to receipt of the set IP configuration request message by the particular device.

These features are neither taught nor in any way suggested by Kouznetsov or by Salama or Thomas, alone or in any proposed combination.

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CONCLUSION

Applicant respectfully submits that this application is in condition for allowance. An early action to that effect is earnestly solicited.

The Examiner is kindly requested to contact the undersigned at the number provided to schedule a personal interview to resolve any outstanding issues in this case.

CHARGE STATEMENT: Deposit Account No. 501860, order no. **2540-0590**.

The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (<u>missing or insufficiencies only</u>) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/ Order Nos. shown above.

This CHARGE STATEMENT <u>does not authorize</u> charge of the <u>issue fee</u> until/unless an issue fee transmittal sheet is filed.

CUSTOMER NUMBER 42624	Respectfully submitted, **/Brian Siritzky/Reg. No. 37,497** By: _____ Brian Siritzky, Ph.D. Registration No.: 37,497